



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/944,971	08/31/2001	Sridhar Sadasivan	83173HEC	2204
7590	01/20/2004			
			EXAMINER	
			HESS, BRUCE H	
			ART UNIT	PAPER NUMBER
			1774	11
DATE MAILED: 01/20/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No. <b>09/944,971</b>	Applicant(s) <b>Sadasivam et al.</b>
Examiner <b>Bruce Hess</b>	Group Art Unit <b>1774</b>

*—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—*

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

Responsive to communication(s) filed on 10-22-03 (Amendment) and 10-6-03 (IDS)

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

Claim(s) 1, 2 and 4-18 is/are pending in the application.

Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

Claim(s) \_\_\_\_\_ is/are allowed.

Claim(s) 1, 2, 4, 5, 9-15 and 18 is/are rejected.

Claim(s) 6-8, 16 and 17 is/are objected to.

Claim(s) \_\_\_\_\_ are subject to restriction or election requirement

## Application Papers

The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.

The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).

All  Some\*  None of the:

Certified copies of the priority documents have been received.

Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

Copies of the certified copies of the priority documents have been received  
in this national stage application from the International Bureau (PCT Rule 17.2(a))

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

Information Disclosure Statement(s), PTO-1449, Paper N (s). 8  Interview Summary, PTO-413

Notice of Reference(s) Cited, PTO-892  Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948  Other \_\_\_\_\_

# Office Action Summary

Art Unit: 1774

Claims 6-8, 16 and 17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1, 2, 4, 5, 9-15 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over the patent to Ali et al.(WO 99/39914)

Ali et al. teach jet recording elements comprising a support, a base layer and a porous image-receiving layer comprising binder, organic particles and a latex containing particles having a quaternary ammonium salt moiety. The experimental modification of this prior art in order to ascertain optimum operating conditions (e.g. determine particle sizes and relative proportions) fails to render applicants' claims patentable in the absence of unexpected results. See Ali et al at page 4, lines23-26; page 9, lines 2 and 11-13; and page 12, lines 4-6.

Any inquiry concerning this communication should be directed to Bruce Hess at telephone number (703) 308-2402.

B. Hess/af  
January 12, 2004

*Bruce Hess*

BRUCE H. HESS  
PRIMARY EXAMINER